

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
Australia	Ta ₂ O ₅	Greenbushes Western Australia	Global Advanced Materials Pty. Ltd.
Austria	Ta ₂ O ₅ , TaPwdr, TaMtl	Multiple; Liezen, Reutte (HQ)	PLANSEE Group
Austria	Ta ₂ O ₅ , TaC	Multiple; Althofen, Carinthia (HQ)	Treibacher Industrie AG
Brazil	Ta ₂ O ₅	São João Del Rei, Minas Gerais State	LSM Brazil SA (formerly Companhia Industrial Fluminense) [AMG Advanced Metallurgical Group N.V. (Netherlands)] (formerly London & Scandinavian Metallurgical Co., Ltd.)
Brazil	FeNbTa	São Paulo State	Mineração Taboca SA (Minsur SA)
Brazil	Ta	São João Del Rei, Minas Gerais State	Resind Industria e Comercio Ltda.
China	TaPwdr, Ta ₂ O ₅ , K ₂ TaF ₇ , TaMtl	Taiping Town, Shengang, Conghua, Guangdong	Conghua Tantalum and Niobium Smeltery (CTNS) (Guangdong Rising Nonferrous Metals Group Co., Ltd.)
China	TaPwdr, Ta ₂ O ₅ , K ₂ TaF ₇ , TaMtl	Zhaoqing, Guangdong	Duo Luo Shan Sapphire Rare Metal Co. Ltd of Zhaoqing
China	TaPwdr, Ta ₂ O ₅ , TaMtl, TaAlloys	Zhuzhou, Hunan	FIR Metals & Resource Ltd.

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
China	K ₂ TaF ₇ , Ta ₂ O ₅ , TaC	Chengnan Industrial Zone, Qingyuan, Guangdong	Fogang Jiata Metals Co., Ltd.
China	Ta ₂ O ₅ , K ₂ TaF ₇	Yingde, Guangdong	Guangdong Zhiyuan New Material Co., Ltd. (Jiayuan Cobalt Holdings)
China	Ta ₂ O ₅ , K ₂ TaF ₇	Zhuhui District, Hengyang, Hunan	Hengyang King Xing Lifeng New Materials Co., Ltd.
China	Ta ₂ O ₅ , K ₂ TaF ₇ , TaPwdr, TaMtl	Yaxi Industrial Development Zone, Xinhui, Jiangmen, Guangdong	Jiangmen Fuxiang Electro-materials Ltd. (F&X Electro-Materials Ltd.)
China	Ta ₂ O ₅ , K ₂ TaF ₇	Fengxin County, Jiangxi	Jiangxi Ding Hai Tantalum & Niobium Co., Ltd.
China	K ₂ TaF ₇ , Ta ₂ O ₅	Yi Chun, Jiangxi	Jiangxi Tuohong New Raw Material
China	TaC, TaMtl	East Industrial Base 3, Xunyang District, JiuJiang, Jiangxi	Jiujiang Janny New Material Co., Ltd.
China	Ta ₂ O ₅ , K ₂ TaF ₇ , TaC, TaMtl	Jiujiang, Jiangxi	JiuJiang JinXin Nonferrous Metals Co., Ltd.
China	Ta ₂ O ₅ , TaC, TaMtl	East City Development Zone, Xin Gang Town, Jiujiang, Jiangxi	Jiujiang Tanbre Co., Ltd. (JJTC) (formerly Jiujiang Tanbre smelter) (Jiangxi Tungsten Group Ltd Corp. [JWYX])

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
China	Ta ₂ O ₅ , K ₂ TaF ₇ , TaC, TaMtl	Jiujiang, Jiangxi	Jiujiang Zhongao Tantalum & Niobium Co., Ltd. (joint venture Jiangxi Jiujiang Yizhong Nonferrous Metals Co., Ltd., and others)
China	Ta ₂ O ₅ , K ₂ TaF ₇ , TaC, TaPwdr, TaMtl	Shishi Industrial Zone, Yifeng County Industrial Park, Fengcheng, Jiangxi	King-Tan Tantalum Industry, Ltd.
China	Ta ₂ O ₅ , TaMtl, TaPwdr	Jiangning Economic Development Zone, Nanjing, Jiangsu	Metalink International Co. Ltd. (affiliates: Nanjing Metalink International Co. Ltd., and Metalink Special Alloys Corp.)
China	Ta ₂ O ₅ , TaCl ₅ , TaNbC, Ta ethoxide, TaMtl, TaAlloys, TaPwdr	Shizuishan, Ningxia	Ningxia Orient Tantalum Industry Co., Ltd. (OTIC)
China	TaC, TaMtl	SME Pioneer Park, Yanling, Zhuzhou, Hunan	RFH Tantalum Smeltery Co., Ltd. / Yanling Jincheng Tantalum & Niobium Co., Ltd.
China	TaC, TaNbC, TaPwdr, Ta ingot	Xiangcheng, Suzhou, Jiangsu	Taike Technology (Suzhou) Co. Ltd.
China	Ta ₂ O ₅	Buxia Cun, Rencun Town, Xinxing, Yunfu, Guangdong	XinXing Haorong Electronic Material Co., Ltd.
China	Ta ₂ O ₅ , TaC, TaPwdr	Lianggang Industrial Park, Yifeng County, Yichun, Jiangxi	Yichun Jinyang Rare Metal Co., Ltd.
China	K ₂ TaF ₇ , Ta ₂ O ₅ , Ta ethoxide, TaPwdr, TaMtl, TaAlloys, TaC	Zhuzhou, Hunan	Zhuzhou Cemented Carbide Group Corporation, Ltd.

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
Estonia	Ta ₂ O ₅ , TaH ₅ , TaMtl (ingots, chips)	Sillamae, Ida-Virumaa	NPM Silmet AS (Neo Performance Materials, 100%)
Germany	TaMtl, Ta ₂ O ₅ , TaAl	Freiberg, Saxony	Freiberger NE-Metall GmbH & Co. Produktions KG (GfE Gesellschaft für Elektrometallurgie mbH, AMG Advanced Metallurgical Group N.V.)
Germany	TaMtl, Ta ₂ O ₅ , TaAl	Nuremberg, Middle Franconia	GfE - Metalle und Materialien GmbH (GfE Gesellschaft für Elektrometallurgie mbH, AMG Advanced Metallurgical Group N.V.)
Germany	K ₂ TaF ₇ , Ta ₂ O ₅ , TaMtl	Goslar, Lower Saxony	H.C. Starck GmbH
Germany	Ta	Hermisdorf, Thuringia	H.C. Starck GmbH
Germany	Ta ore, TaCl ₅	Laufenburg, Baden-Wurrtemberg	H.C. Starck GmbH
Germany	TaPwdr, TaNbC, Ta ₂ O ₅ , TaCl ₅ , TaMtl, TaRecyc	Hanau, Hesse	Heraeus Deutschland GmbH & Co. KG (formerly W.C. Heraeus) (Heraeus Holding, GmbH)
India	K ₂ TaF ₇ , Ta ₂ O ₅	Taloja, District Raigad, Maharashtra	Metallurgical Products India Pvt Ltd. (MPIL)
Japan	Ta ₂ O ₅ , TaC, TaNbC	Omuta, Fukuoka	Engineered Powders Div. Miike Rare Metal Plant (Mitsui Mining and Smelting Co., Ltd.)

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
Japan	TaPwdr	Aizuwakamatsu, Fukushima	Global Advanced Metals, Pty Ltd.
Japan	TaPwdr	Hitachiomiya, Ibaraki	H.C. Starck Co., Ltd.
Japan	Ta ₂ O ₅	Kako, Hyogo	Taki Chemicals Co., Ltd.
Kazakhstan	TaAlloy, TaMtl, TaPwdr	Ust-Kamenogorsk, East Kazakhstan	Ulba Metallurgical Plant JSC
Macedonia	TaMtl, TaAlloys, TaC	Balin Dol, Gostivar, Macedonia	Power Resources Group (PRG)
Mexico	K ₂ TaF ₇	Matamoros, Tamaulipas	Kemet de Mexico, S.A. de C.V. (Kemet Blue Metals [Kemet Corp.])
Namibia	Ta ₂ O ₅	Tantalite Valley Mine, southern Namibia, near Warmbad in Karas District	Aftan (subsidiary of Kennedy Ventures)
Russia	TaMtl, TaPwdr, TaAlloys	Yekaterinburg, Sverdlovskaya Oblast'	OAo Metox
Russia	Ta ₂ O ₅ , TaMtl	Solikamsk, Perm Krai	OAo Solikamsk Magnesium Works (SMZ)

1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS ¹	LOCATION	OPERATOR / OWNERSHIP
Thailand	K ₂ TaF ₇ , TaPwdr	Map Ta Phut, Rayong Province	H.C. Starck Co., Ltd.
United Kingdom	TaRecyc (spent sputtering targets; pure and alloyed (TaW, TaCrTi, MoTa))	Gloucester, Gloucestershire, England	Avon Specialty Metals Ltd.
United States	TaPwdr	Newton, Massachusetts	H.C. Starck Inc.
United States	TaAlloys	Yaphank, New York	Hi-Temp Specialty Metals
United States	TaMtl, TaAlloys	Boyertown, Montgomery County, PA	Global Advanced Metals
United States	TaPwdr	Mound House, NV	Kemet Blue Powder (Kemet Corp.)
United States	TaAlloys, TaC, Ta ₂ O ₅ , TaN, TaSi ₂ , TaSe ₂	Many (Shanghai, Suzhou in China and others in England, Ireland, Philippines, Singapore, Taiwan, and United States)	Materion Advanced Materials Thin Film Products (Headquarters in Cleveland, OH)

HQ Headquarters

¹ K₂TaF₇, K-salt (potassium fluorotantalate); Ta, tantalum; Ta₂O₅, tantalum pentoxide; TaAl, tantalum-aluminum alloy; TaAlloys, tantalum alloys; TaC, tantalum carbide; TaCl₅, tantalum chloride; TaH₅, tantalum hydride; TaMtl, tantalum metal; TaN, tantalum nitride; TaNbC, tantalum niobium carbide; TaPwdr, tantalum powder; TaRecyc, tantalum recycle; TaSe₂, tantalum diselenide; TaSi₂, tantalum silicide.